

We claim:

1. An anti-icing composition comprising an aqueous solution of monohydroxy and/ or polyhydroxy alcohols thickened with a combination of an acrylic emulsion polymer
5 and a water-swellable, colloid-forming clay mineral.

2. The composition of claim 1 further comprising at least 1 weight percent glycerine.

3. The composition of claim 1 for use in all types of locks.

10 4. The composition of claim 1, for use in or on moving mechanisms, further comprising Teflon powder as an added ingredient.

5. The composition of claim 1, for use in or on moving mechanisms, comprising graphite as an added ingredient.

15 6. The composition of claim 1, for use in windshield washer reservoirs of trucks or automobiles.

7. The composition of claim 6, comprising non-toxic freezing point depressants.

8. A composition comprising an anti-icing fluid with
20 an added surfactant combination comprising a first surfactant with an $HLB \leq 3$ coupled with a second surfactant with an HLB 19.

9. The composition of claim 8 wherein said first surfactant and said second surfactant comprise block copolymers of ethylene-oxide and propylene-oxide.

10. The composition of claim 8 wherein said anti-icing
5 fluid comprises an aqueous solution of monohydroxy and/ or polyhydroxy alcohols.

11. An anti-icing composition comprising an aqueous solution of monohydroxy and/ or polyhydroxy alcohols with a surfactant of HLB ≤ 3 added to inhibit water incursion into
10 the composition.

12. The composition of claim 11 wherein said surfactant comprises a block copolymer of ethylene-oxide and propylene-oxide.

13. An anti-icing composition comprising an aqueous
15 solution of polyvinyl alcohol, with one polyol or a combination of polyols added to comprise at least 30 weight percent of the total composition.

14. The composition of claim 13 wherein said polyol or one of said combination of polyols comprises glycerine.

20 15. The composition of claim 13, wherein said aqueous solution of polyvinyl alcohol and said polyol or combination

of polyols are mixed together within a few hours of application.

16. The composition of claim 15, wherein said aqueous solution of polyvinyl alcohol comprises the added ingredient
5 of hydrogen peroxide, and said polyol or combination of polyols comprises the added ingredient of one or more polymeric thickening agents.